

ABSTRACT OF THE DISCLOSURE

A wireless communication system wherein if a terminal receives an address duplication detection packet that terminal compares the duplication
5 detection address with the IP address of itself and if those addresses are similar, sends a duplication notification packet, however if those addresses are not similar, the terminal investigates whether or not the duplicated address is being held in an address coordination table. If the duplicated address is not being held in that table, the terminal makes a new registration of that address
10 in the table while if that duplicated address is held in that table, the terminal compares the combination of that duplicated address and the sender physical identifier of the duplication detection packet with the combinations inside the coordination table. If those combinations are equivalent, the terminal resets an address coordination maintenance timer while if they are not equivalent, the
15 terminal changes the reception settings of packet reception part 83 to enable reception of packets each of which includes the duplication detection address and the sender physical identifier of the duplication inspection packet as the destination physical identifier, and starts up duplication notification packet wait-for-send timer 81 however if timer 81 times out, a duplication notification
20 packet is sent.

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